

SECRET

MONTHLY REPORT

Contract

25X1

PAR 217

30 June 65

SUBJECT: Optimization of Lasers

TASK/PROBLEM

1. Explore the production of 0.53 micron (blue-green) laser radiation by harmonic doubling in KDP and ADP crystals.

DISCUSSION

2. The organization of a questionnaire for a mail survey of laser manufacturers is nearly completed. This questionnaire will request information on lasers whose output is between 0.4 and 1.1 microns.

PLANNED ACTIVITY

3. Results from the questionnaire are expected by about 30 Sept 65. Preparation of the final report will await that information.

Declass Review by NIMA/DOD

SECRET

GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION